FIG. 1

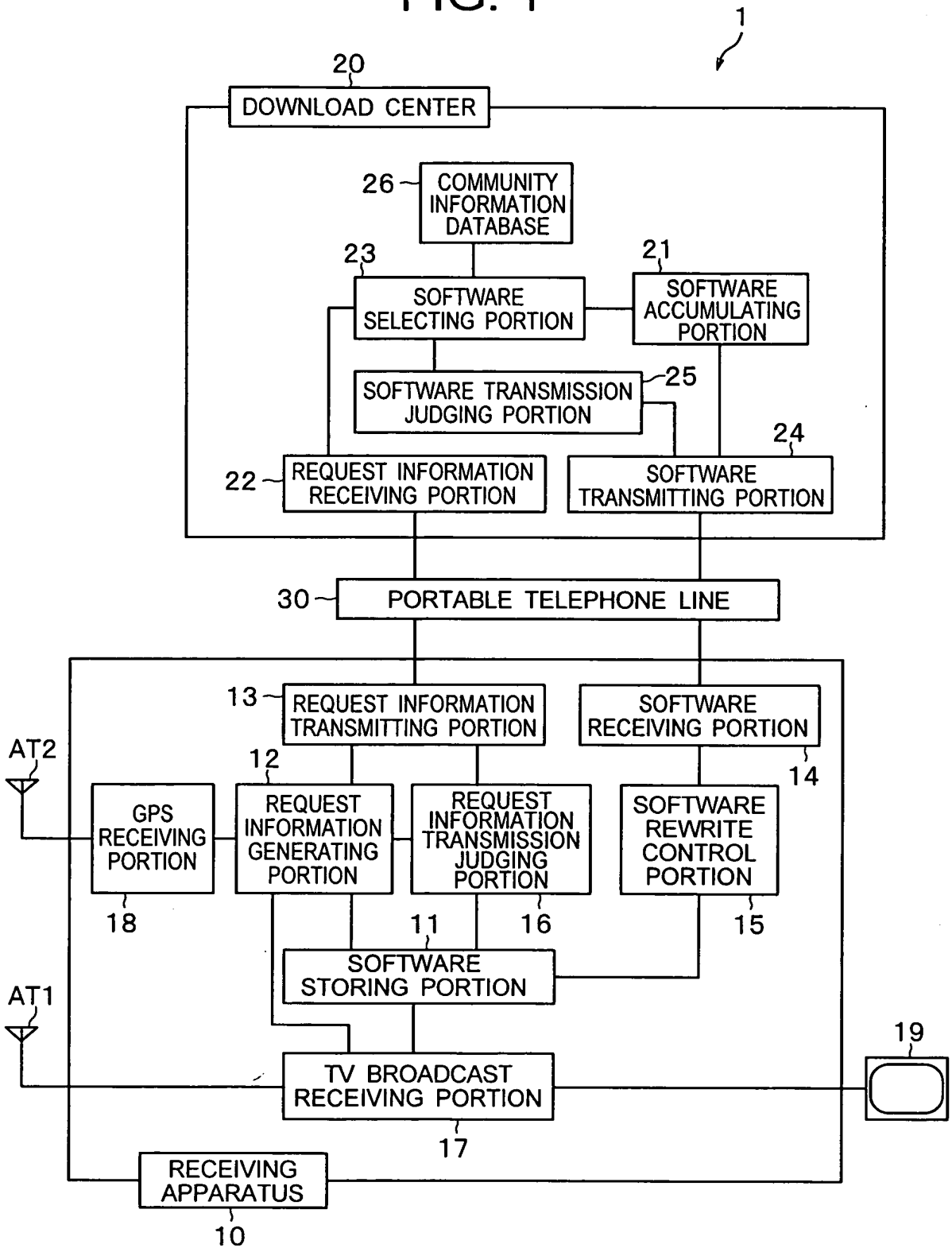

1
20
DOWNLOAD CENTER
26
COMMUNITY INFORMATION DATABASE
23
SOFTWARE SELECTING PORTION
21
SOFTWARE ACCUMULATING PORTION
SOFTWARE TRANSMISSION JUDGING PORTION
25
24
22
REQUEST INFORMATION RECEIVING PORTION
SOFTWARE TRANSMITTING PORTION
30
PORTABLE TELEPHONE LINE
13
REQUEST INFORMATION TRANSMITTING PORTION
SOFTWARE RECEIVING PORTION
AT2
12
14
GPS RECEIVING PORTION
REQUEST INFORMATION GENERATING PORTION
REQUEST INFORMATION TRANSMISSION JUDGING PORTION
SOFTWARE REWRITE CONTROL PORTION
18
11
16
15
SOFTWARE STORING PORTION
AT1
19
TV BROADCAST RECEIVING PORTION
17
RECEIVING APPARATUS
10

FIG. 2

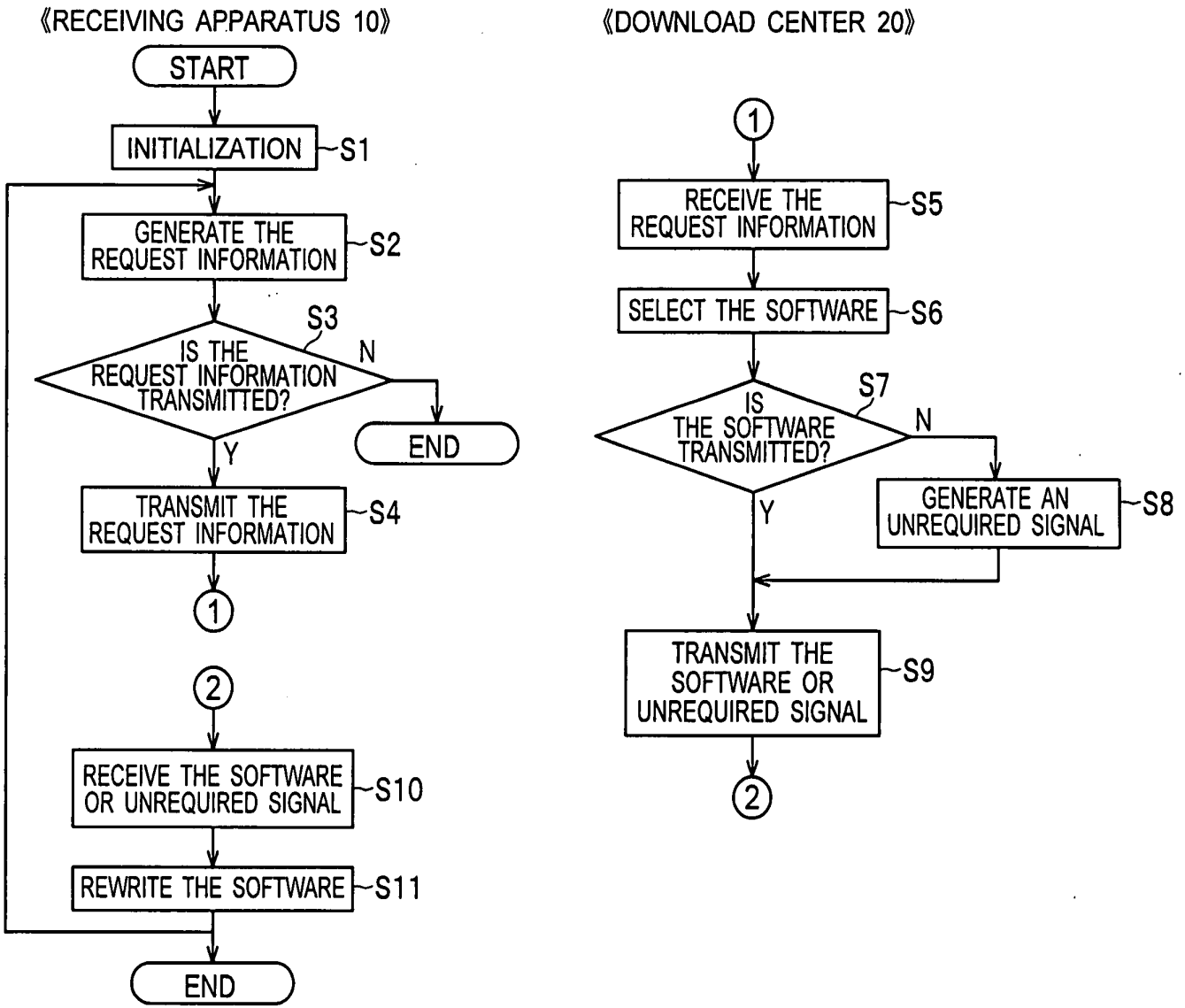

《RECEIVING APPARATUS 10》
START
INITIALIZATION
S1
GENERATE THE REQUEST INFORMATION
S2
S3
IS THE REQUEST INFORMATION TRANSMITTED?
N
END
Y
TRANSMIT THE REQUEST INFORMATION
S4
1
2
RECEIVE THE SOFTWARE OR UNREQUIRED SIGNAL
S10
REWRITE THE SOFTWARE
S11
END
《DOWNLOAD CENTER 20》
1
RECEIVE THE REQUEST INFORMATION
S5
SELECT THE SOFTWARE
S6
S7
IS THE SOFTWARE TRANSMITTED?
N
GENERATE AN UNREQUIRED SIGNAL
S8
Y
TRANSMIT THE SOFTWARE OR UNREQUIRED SIGNAL
S9
2

FIG. 3

CONTENTS OF REQUEST INFORMATION (EXAMPLE)

No	ITEM	HIGH(MANY)	MIDDLE	LOW (FEW)	MEASURE
A	WHEN POWER LEVEL OF RECEIVED SIGNAL IS DIFFERENT			○	a
B	WHEN RECEIVED SIGNAL IS FREQUENTLY OUT OF SYNCHRONIZATION	○			b
C	WHEN UNIQUE INFORMATION TO RECEIVED SIGNAL IS ACQUIRED	16QAM, CONVOLUTIONAL CODING RATIO: 1/4, GUARD INTERVAL INFORMATION			c
D	WHEN MULTIPATH DISTURBANCE IS RECOGNIZED	○			d
E	WHEN BIT ERROR RATE BER OF RECEIVED SIGNAL IS HIGH	○			e
F	WHEN INFORMATION OF MULTIPLE SIGNAL IS ACQUIRED	VIDEO AND AUDIO			f
G	WHEN CHANGED RECEIVING CONDITION IS KNOWN FROM POSITION INFORMATION	NEAR CITY CENTER, MOVING SPEED: SLOW			g

FIG. 4

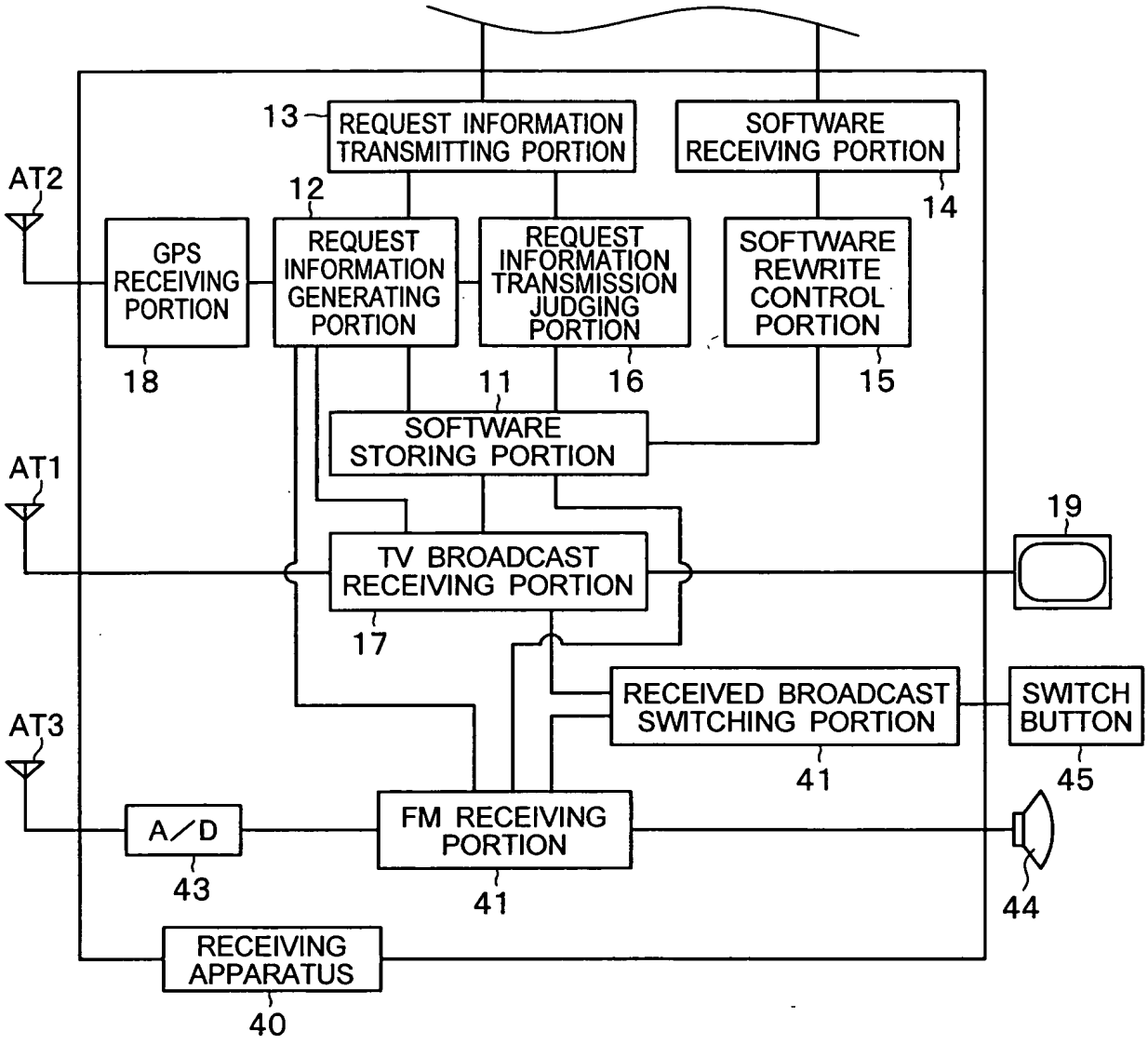
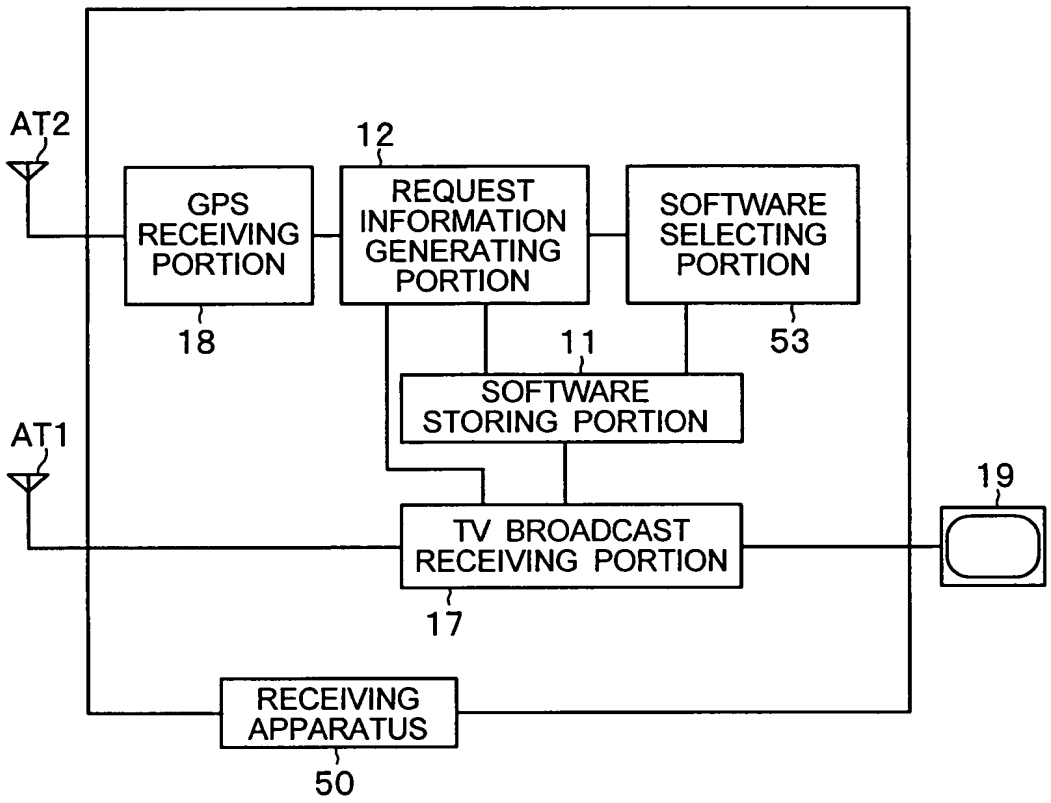

13
REQUEST INFORMATION TRANSMITTING PORTION
SOFTWARE RECEIVING PORTION
14
AT2
12
GPS RECEIVING PORTION
18
REQUEST INFORMATION GENERATING PORTION
REQUEST INFORMATION TRANSMISSION JUDGING PORTION
11
16
SOFTWARE REWRITE CONTROL PORTION
15
SOFTWARE STORING PORTION
AT1
19
TV BROADCAST RECEIVING PORTION
17
RECEIVED BROADCAST SWITCHING PORTION
41
SWITCH BUTTON
45
AT3
A/D
43
FM RECEIVING PORTION
41
44
RECEIVING APPARATUS
40

FIG. 5


AT2
12
GPS RECEIVING PORTION
REQUEST INFORMATION GENERATING PORTION
SOFTWARE SELECTING PORTION
18
11
53
SOFTWARE STORING PORTION
AT1
19
TV BROADCAST RECEIVING PORTION
17
RECEIVING APPARATUS
50